

Important: Read all instructions prior to installation.

DMX Decoder for LED DMX Controllers with Address Digital Display - 3 Channel, 8A

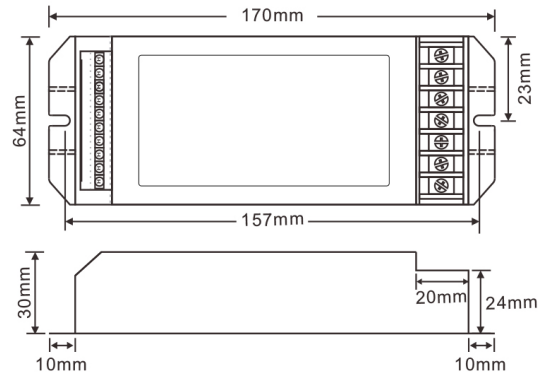


3 Channel DMX Controller/Decoder controls up to 3 different 12VDC LED products or any one RGB LED Light Bar or Strip. Controller runs in stand alone mode using mode, loop, and speed buttons. DMX address is easily set using touch pads under display. Receives DMX-512 digital control signals via 3 wire terminal strip connection. DMX decoding driver converts universal DMX512/1990 digital signal to PWM signal, which can be controlled by DMX512 console with 16-bit gray scale output per channel. Maximum load 8 Amps per channel - 24 Amps total.

Technical Specs

DMX-3CH-8A	
Input signal	DMX512
Input voltage	DC5V~DC24V
Max current load	8A x3CH Max 24A
Max power load	120W/288W/576W(5V/12V/24V)
Gray scale level	256 levels/CH
Dimming range	0~100%
Working temperature	-30°C~55°C
Dimension	L170×W64×H30mm
Package Size	L172×W66×H34mm
Weight (G.W)	210

Product dimension



Operation Interface Instruction

Detailed Key Functions

DMX address

001 ... 512

1-4 Dynamic self-test mode:
RGB jumping / 7 color jumping /
RGB fading / 7 color fading

P-1 ... P-4

Play DIY Dynamic mode

P-D

Recovery parameter:
Press "100+"key and "100-" key at same time

RES

DMX signal/DMX mode/
Testing mode indicator light

Mode changing button displays the memory
color of M1-M6: JUMP/SMOOTH/FLASH/GRADUAL
(Other function: long press to turn on/off buzzer)

Digital LED display

DMX signal port

Inside DMX signal
amplifier

LED output

Power input

Address values
hundreds of digits+/-

Address values
ten's place+/-

Address values
unit's place+/-

Speed+/-

DMX console
color save
button

Setting the hundreds for DMX address(0-5)
Setting 4 kinds of self-testing dynamic modes
when continue to add/subtract (6-9, display P1-P4)

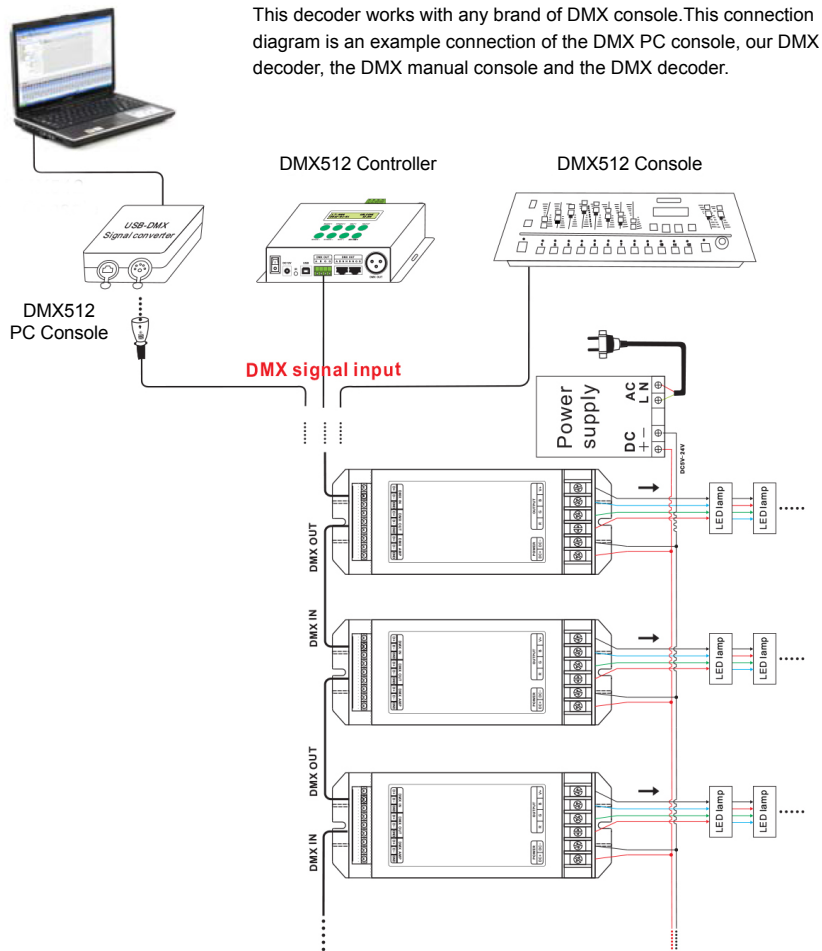
(Short press to return to saved color. Long
press to remember the current RGB data of
DMX Console)

* Under DMX Decoder Mode,the DMX indicator light is on,the running lights flash quickly if there is input DMX signal.
Under Self-testing Mode or Editing Dynamic Effect Mode,the MODE indicator light is on.

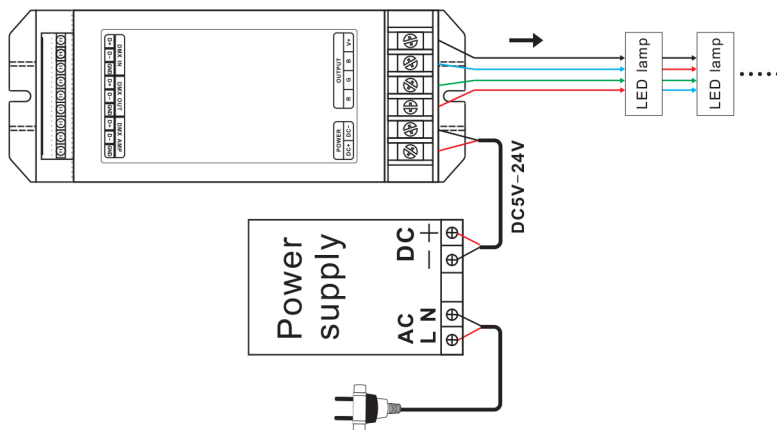


Conjunction Diagram

(1) DMX mode



(2) Stand-alone use



Safety & Warnings

1. The product shall be installed and serviced by a qualified person.
2. This product is non-waterproof. Please avoid the sun and rain. When installed outdoors please ensure it is mounted in a waterproof enclosure.
3. Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
4. Please check if the output voltage of any LED power supplies used complies with the working voltage of the product.
5. Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly to the connector to avoid accidents due to overheat and poor contact on the wire.
6. Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
7. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.

Warranty Agreement

1. A Lifetime Warranty is given from the date of purchase. The warranty is for free repair or replacement and covers manufacturing faults only.
2. Warranty exclusions:
 - Any man-made damages caused from improper operation, or connecting to excess voltage and overloading.
 - The product appears to have excessive physical damage.
 - Damage due to natural disasters and accidents.
3. Repair or replacement as provided under this warranty is the exclusive remedy to the customer. We shall not be liable for any incidental or consequential damages for breach of any stipulation in this warranty.
4. Any amendment or adjustment to this warranty must be approved in writing by our company only.



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